

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (SEE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. DATUMTE.007A	APPLICATION NO. 09/764,680
	APPLICANT Andrew S. Wright	
	FILING DATE January 18, 2001	GROUP ART UNIT UNKNOWN

RECEIVED

APR 12 2001

Technology Center 260C

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
CF	1	4,291,277	9/22/81	Davis, et al.	330	149	
CF	2	4,329,655	5/11/82	Nojima, et al.	330	149	
CF	3	4,700,151	10/13/87	Nagata	332	123	
CF	4	5,049,832	9/17/91	Cavers	330	149	
CF	5	5,089,782	2/18/92	Pike, et al.	324	623	
CF	6	5,093,667	3/3/92	Andricos	342	312	
CF	7	5,675,285	10/7/97	Winters	330	124R	
CF	8	5,682,336	10/28/97	Chian, et al.	1703	3	
CF	9	5,818,298	10/6/98	Dent, et al.	335	10	
CF	10	5,842,140	11/24/98	Dent, et al.	455	573	
CF	11	5,900,778	5/4/99	Stonick, et al.	330	149	
CF	12	5,905,760	5/18/99	Schnabl, et al.	375	296	
CF	13	5,990,738	11/23/99	Wright, et al.	330	149	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CF	14	EP 0544117A1	10/28/92	European	-	-		
CF	15	EP 0881807A1	6/2/93	European	-	-		
CF	16	DE 3307309A1	9/13/84	Germany	-	-		
CF	17	GB 2282291A	3/29/95	United Kingdom	-	-		

EXAMINER	<i>Christine L</i>	DATE CONSIDERED	8/22/00
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			



PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DATUMTE.007A	APPLICATION NO. 09/764,680
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		RECEIVED APR 12 2001	
(USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Andrew S. Wright	GROUP ART UNIT UNKNOWN
		FILING DATE January 18, 2001	Technology Center 2600

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
18	A. Bateman, D.M. Haines and R.J. Wilkinson, "Linear Transceiver Architectures," 38 th IEEE Vehicular Technology Conference, Philadelphia, PA, pp. 478-484, dated June 15-17, 1988.
19	R.D. Stewart and F.F. Tusubira, "Feedforward Linearisation of 950 MHz Amplifiers," IEE Proceedings, Volume 135, Pt. H, No. 5, pp. 347-350, dated October 1988.
20	J.K. Cavers, "Amplifier Linearization Using a Digital Predistorter with Fast Adaptation and Low Memory Requirements," IEEE Transactions on Vehicular Technology, Volume 39, No. 4, pp. 374-382, dated November-1990.
21	Y. Nagata, "Linear Amplification Technique for Digital Mobile Communications," IEEE Transactions on Vehicular Technology, pp. 159-164, (1989).
22	E.A. Lee and D.G. Messerschmitt, "Digital Communication," Kluwer Academic Publishers, Chapter 15, pp. 566-569, (1990).
23	A.A.M. Saleh and J.Salz, "Adaptive Linearization of Power Amplifiers in Digital Radio Systems," The Bell System Technical Journal, Volume 62, No. 4, pp. 1019-1033, dated April 1983.
24	Andrew S. Wright and Willem G. Durtler "Experimental Performance of an Adaptive Digital Linearized Power Amplifier," IEEE Transactions on Vehicular Technology, Volume 41, No. 4, pp. 395-400, dated November-1992.
25	J. K. Cavers, "The Effect of Quadrature Modulator and Demodulator Errors on Adaptive Digital Predistorters for Amplifier Linearization," IEEE Transactions on Vehicular Technology, Volume 46, No. 2, pp. 456 - 466, May 1997.
26	L. Sundstrom, M. Faulkner, and M. Johansson, "Quantization Analysis and Design of A Digital Predistortion Linearizer for RF Power Amplifiers," IEEE Transactions on Vehicular Technology, Volume 45, No. 4, pp. 707-719, dated November 1996.
27	M. Faulkner and M. Johansson, "Adaptive Linearization Using Predistortion - Experimental Results," IEEE Transactions on Vehicular Technology, Volume 43, No. 2, pp. 323-332, dated May 1994.
28	J. K. Cavers, "A Linearizing Predistorter with Fast Adaptation," 40th IEEE Vehicular Technology Conference, pp. 41-47, dated May 1990.
29	International Search Report for PCT Application No. PCT/IB/00/01038.
30	International Search Report for PCT Application No. PCT/IB/00/01044.
31	International Search Report for PCT Application No. PCT/IB/00/01047.
32	International Search Report for PCT Application No. PCT/IB/00/01049.
33	International Search Report for PCT Application No. PCT/IB/00/01051.

MSO-1840.DOC
032001

EXAMINER	<i>Chris M. L.</i>	DATE CONSIDERED	<i>8/22/04</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			